

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6808 (1972): Grinder, hand, domestic [MTD 31: Utensils, Cutlery and Domestic Hardwares]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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Indian Standard

(Reaffirmed 1998)

SPECIFICATION FOR GRINDER, HAND, DOMESTIC

1. Scope — Dimensions and other requirements of domestic hand grinder used for grinding spices and pulses.

2. Material

2.1 Grinding Plates — Malleable cast iron (chilled) and having hardness from 400 to 500 HV.

2.2 Body and other Parts — Cast iron conforming to Grade 15 of IS : 210-1962 ' Specification for grey iron castings (revised) ' or of better quality.

2.3 Screws — Mild steel.

3. Shape and Dimensions — As shown in Fig. 1.

4. Workmanship and Finish

4.1 The feed worm shall be concentric with the bore in the machine body. It shall have wider spacing at the hopper side and converge towards the plate end. The feed worm shall be so designed that when it is rotated clockwise the material shall be fed towards the plate end. A ball of 6 mm diameter shall be fixed at the plate end as shown in Fig. 1.

4.2 The teeth of grinding plates shall be sharp and equally spaced.

4.3 The threads and serrations, wherever provided, shall be well formed and clean.

4.4 The various components shall have good workmanship.

4.5 The casting shall be free from blow holes, pits, cracks and other casting defects.

4.6 The grinder shall be tinned by electroplating or dipping process. If required by the purchaser the outside of the grinder may be painted by stove enamel paint and the inside by tin dipping process. The tinning shall be done in accordance with IS : 1359-1966 ' Specification for electroplated coatings of tin (revised) ' or IS : 5274-1969 ' Recommended practice for hot-dip tinning of plain carbon steel ' and painting shall conform to IS : 150-1950 ' Specification for ready mixed paint, brushing, finishing, stoving, enamel, colour as required ' or IS : 151-1950 ' Specification for ready mixed paint, spraying, finishing, stoving, enamel, for general purposes, colour as required '.

5. Performance Test — A suitable amount of rice shall be fed into the hopper of the machine. The feed worm shall be rotated clockwise. The machine shall grind the rice in the form of a fine powder. While grinding, there shall be no excessive strain on the hands and the machine after this operation shall not show any sign of damage.

6. Marking — Shall be marked with the manufacturer's name, initials or recognized trade-mark and the country of origin.

6.1 ISI Certification Marking — Details available from the Indian Standards Institution, New Delhi 1.

7. Packing — As agreed to between the purchaser and the supplier.

Adopted 30 October 1972

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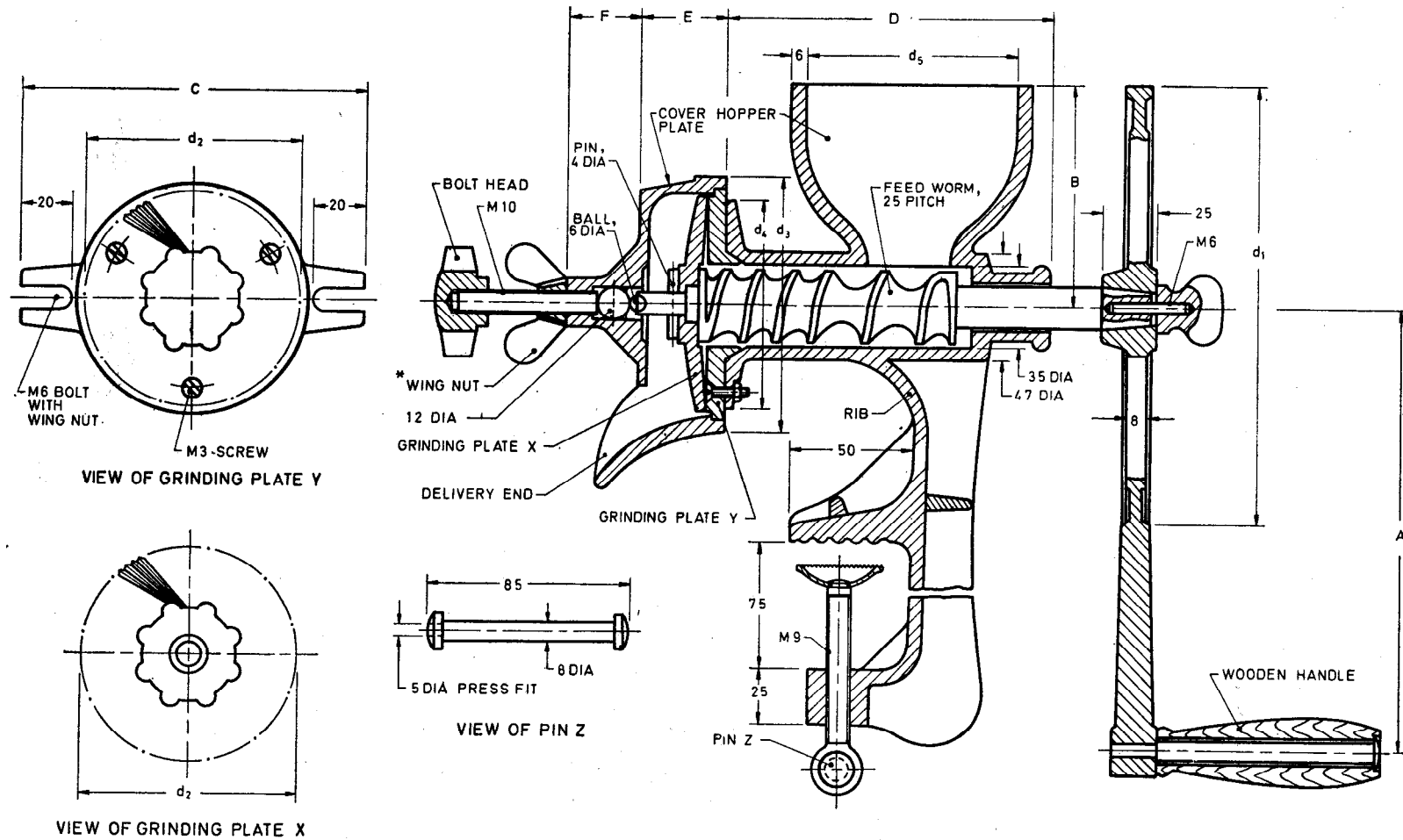
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NEW DELHI 1

प्रातिष्ठित मूल्य

Revised Price

Gr 1



Size	A	B	C	D	E	F	Dia d ₁	Dia d ₂	Dia d ₃	Dia d ₄	Dia d ₅
Large	205	130	150	130	35	30	180	90	105	90	90
Medium	205	105	145	125	30	25	180	85	100	85	85
Small	180	90	140	125	30	25	180	85	100	85	80
Mini	170	85	135	80	30	25	140	75	90	80	70

*See IS : 2636-1964 'Specification for wing nuts'.

All dimensions in millimetres.

FIG. 1 GRINDER, HAND, DOMESTIC